

10 November 1954

#22

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MEMORANDUM FOR: [REDACTED]

SUBJECT : OHR Comments on Your Report on the Military Geography Branch [REDACTED] 25X1C

REFERENCE : Enclosure No. 1 to [REDACTED], dated 20 September 1954. 25X1A

The referenced enclosure was circulated throughout the Geographic Area, and the divisions concerned have commented on the individual paragraphs as follows.

1. The Photo Intelligence Division made the following comments on paragraph 3:

a. The publications listed below may be of interest to [REDACTED]

25X1C

- (1) A new "Photo Interpretation Handbook", published jointly by the Army, Navy and Air Force, has just been released. It bears the Navy number NAVAER 10-35-610.
- (2) "An Inventory of Military Photo Interpretation Keys", also a joint Service publication is in press and is due to be released shortly. It has the Air Force number AFM 200-51.
- (3) The U.S. Army General School, Ft. Riley, Kansas, has published basic current photo interpretation packets: PK-A1, PK-A2, PK-A3 and PK-A4, 1953.
- (4) "A Manual for the Collection of Ground Photography and Related Data", USN Photographic Interpretation Center, NAVAER 20-35-650, March 1953. (Official Use Only).
- (5) "Development of Photographic Intelligence", 10 vols., Directorate of Intelligence, Hq. USAF, Washington, H. D. (a recent re-issue of WWII identification manuals, re-edited for current use). (Confidential)

I - Interpretation of Strike Photographs
II - Interpretation of Bomb Damage
III - Interpretation of Industry

- IV - Interpretation of Ports and Shipping
 - V - Interpretation of Military Installations
 - VI - Interpretation of Inland Transportation
 - VII - Interpretation of Wireless Installations
 - VIII - Interpretation of Aircraft and Airfields
 - IX - Interpretation of Smoke Defences
 - X - Interpretation of Underground Factories
- (6) "Tactical Interpretation of Air Photos", Dept. of the Army, TM 30-216, 1954 (unclassified). (An excellent manual).
- (7) "Photo Interpretation Keys: Airfield Installations", Dept. of the Air Force, AFM 200-40, 1954. (Secret).
- (8) "Photo Interpretation Keys: Soviet Aircraft", Dept. of the Air Force, AFM 200-41, 1954 (Secret).
- (9) "Handbook for Air Intelligence Officers", Dept. of the Air Force, AFM 200-3, 1953. (Confidential)

b. U.S. Naval Photographic Interpretation Center publications now appear under joint Army-Navy-Air Force auspices.

c. Certain Special Photographic Intelligence Reports, of Hq. U.S. Air Force, Dir. of Intelligence, Reconnaissance Branch, usually in Secret classification, summarize current information and identification features of new type equipment or installations. These are essentially documents, in very small editions. Examples are:

- (1) "Token Radar Sites (Confirmed by Aerial Photography, Soviet Zone, Germany and Austria, Czechoslovakia and USSR", Special Photo Intelligence Report No. 158, February 1954. (Secret)
- (2) "Special Purpose Airfields: Soviet Zone of Germany". Special Photo Intelligence Report No. 149, December 1953. (Secret)
- (3) "New Aircraft Revetments on Communist Airfields in Austria, Germany, North Korea, Manchuria", Special Photo Intelligence Report No. 135, August 1953.

d. The USN Pacific Fleet publishes CINPACFLT Special Photo Intelligence Reports of a substantive nature, classification usually Secret, which may contain information on new types of installations and equipment, and the U.S. Naval Photographic Interpretation Center occasionally publishes similar intelligence documents. Distribution is through the Office of Naval Intelligence.

2. The following comments were prepared by the Map Library in answer to paragraph 4 of the referenced enclosure:

a. No special problems or difficulties have been experienced in procuring maps and related materials requested from the American Consul, Sydney. Previous requirements have been filled accurately and effectively by Mr. Marion E. Anderson, Economic Assistant.

b. OLI/M is much interested in receiving from you information on maps and publications additional to those requested from Sydney. Information on maps and related materials issued by official and unofficial agencies in the various states would be welcomed. These may be either new or revised editions of maps. Please include title, scale, date, publisher and estimated cost of the map. In some cases publishers catalogs may be available to send.

c. Previous requirements of [REDACTED] maps and reports.

25X1C

(1) Maps reproduced from published reports and miscellaneous maps are desired in two copies each.

25X1C (2) [REDACTED] Reports, Notes and Summaries, are desired in two copies each.

3. The following comments prepared in the Cartography Division deal with paragraphs 5, 6, and 7.

a. Paragraph 5:

(1) The meaning of "Grey Scale Tone Process" as described in this request is not familiar as a "process" to our reproduction people. At present our reproduction plants utilize the Eastman grey scale in the reproduction of copy from multi-colored maps, as they have for many years, and aside from improvements in technique and materials the basic process, or use of the scale, has not changed.

(2) The grey scale in use at present is available as a part of a package of reproduction aids distributed by the Eastman Kodak Co., Rochester, N. Y. The package contains Register Marks, Color Patches, and the Grey Scale, in either 12" or 18" size and retails at approximately \$1.00.

(3) The reproduction unit here in the Agency would be interested in any information that might be available regarding a grey scale perfected by [REDACTED]

25X1C

- (4) A number of new materials for use in the continuous or halftone reproduction process has recently become available. The Eastman Company has improved its masking process for reproduction of continuous tone negatives by the offset process. Eastman, also, has developed two new films called "Eastman Super Ortho" and "Eastman Super PB Ortho" especially for continuous tone and color work. Also, there is available through the Ansco Corp. a new panchromatic vinyl base film for high quality color separation work.

b. Paragraph 6:

- (1) Samples and charts enclosed as requested.

c. Paragraph 7:

- (1) Little information is available in this office on the various films with pre-coated adhesive backing in use for printing of stickup. Most agencies use the waxing method as illustrated by the zipatone samples enclosed. However, this procedure needs special equipment and materials and may not be practical in the field.
- (2) Permafil, duraseal, presto-seal, etc., are pressure sensitive adhesive backed films which are partially successful when used as stickup but all have the inherent weakness of short shelf life, as well as great variation in adhesive quality.
- (3) Included among the samples accompanying this report are some sheets of an adhesive backed paper with trade name of "Se-Stik" which, although old stock, still has fair adhesive quality. This material is available through the Simon Adhesive Products Corp., 424 W. 33rd. Street, New York. Newly processed sheets would, of course, have better adhesive quality.
- (4) In addition, we are enclosing some samples of a transparent film (.001" thick) coated with wax on both sides. Sandwiching this material between copy and mount-board and burnishing copy with either a bone burnisher or other hard flat tool acts as an excellent transparent adhesive. This material we have found excellent for mounting small size maps on stiff cardboard. A limited supply could be made available to [REDACTED] for further experimental purposes if so desired.

25X1C

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- 5 -

- (5) The enclosed copy of the current catalog of Arthur Brown & Bro., Inc. contains much valuable information on up-to-date materials, equipment, and supplies.
- (6) You should be aware of the fact that in sending commercial products and literature as here enclosed in no way implies a Government endorsement of such products nor that they are superior to other competitive brands.

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Enclosures: As stated above

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Distribution:

- 0 & 1 - Addressee
- 1 - Ch/G
- 1 - OAD/RR